

**VAN STRAATEN** Chemical Company

630 W. Washington Blvd • Chicago IL 60606

(312) 454-1000 • Telex 25-3556

25 to 1 = 0.12%
DMS 1829
phenol composition

MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION

MANUFACTURER'S NAME

Van Straaten Chemical Co.

REGULAR TELEPHONE NO.

EMERGENCY TELEPHONE NO. 312-454-1000

ADDRESS

630 W. Washington Blvd. Chicago, Illinois 60606

TRADE NAME

Van Straaten 653

SYNONYMS

II HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	%	HAZARD DATA
Petroleum oil	60-70	TLV 5 mg/M ³
Tetrachlorophenol	1.5	LD ₅₀ , oral rat 140 mg/Kg
Phenol	1.56	LD ₅₀ oral rat, 414 mg/Kg
Contains no other ingredients now known to be hazardous as defined in OSHA 29CFR1915.2		

III PHYSICAL DATA

BOILING POINT, 760 MM HG	NA	MELTING POINT	NA
SPECIFIC GRAVITY (H ₂ O = 1)	0.93 @ 60°F	VAPOR PRESSURE	Negligible
VAPOR DENSITY (AIR = 1)	Unknown	SOLUBILITY IN H ₂ O, % BY WT.	Emulsifiable in all proportions.
% VOLATILES BY VOL.	Negligible	EVAPORATION RATE (BUTYL ACETATE = 1)	less than one
APPEARANCE AND ODOR	Brown, transparent oil; perfumed odor	ph	Conc. 9.3 ± 0.1; 20/1 8.8 ± 0.1 40/1 8.6 ± 0.1

IV FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD)	COC: 280°F	AUTOIGNITION TEMPERATURE	Fire point: COC: 305°F
FLAMMABLE LIMITS IN AIR % BY VOL.	LOWER	NA	UPPER NA
EXTINGUISHING MEDIA	Water, CO ₂ , foam, dry chemical.		
SPECIAL FIRE FIGHTING PROCEDURES	Treat as an oil fire.		
UNUSUAL FIRE AND EXPLOSION HAZARD	Products of combustion or incomplete combustion include oxides of carbon, nitrogen, and sulfur.		

V HEALTH HAZARD INFORMATION

HEALTH HAZARD DATA Applies to concentrate. Hazard potential is reduced at use concentrations.

ROUTES OF EXPOSURE

INHALATION TLV 5 mg/M³ per ACGIH standard for oil mist.

SKIN CONTACT Continued contact may cause skin irritation.

SKIN ABSORPTION Not expected to be absorbed through skin.

EYE CONTACT Will cause eye irritation.

INGESTION LD₅₀ not established - product is not edible.

EFFECTS OF OVEREXPOSURE

ACUTE OVEREXPOSURE Undetermined

CHRONIC OVEREXPOSURE Undetermined

EMERGENCY AND FIRST AID PROCEDURES

EYES Wash with copious amounts of water for 15 minutes; consult a physician.

SKIN: Wash with soap and rinse with water.

INHALATION: If irritation occurs, avoid further inhalation.

INGESTION:

NOTES TO PHYSICIAN

VI REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY

Stable under normal use conditions

INCOMPATIBILITY

Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS

Complete combustion: oxides of carbon, nitrogen, and sulfur.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION

NA

VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Pick up with oil absorbent

NEUTRALIZING CHEMICALS

NA

WASTE DISPOSAL METHOD Non-biodegradable components in used emulsions must be removed prior to its disposal. This can be accomplished by treating used emulsions with acid-alum or alum-polymeric deemulsifiers and then decanting off the resulting oil split. Oil may be incinerated (local laws permitting) or picked up by a scavenger service.

VIII SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

If product is sprayed or if operation generates mist, provide local ventilation.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

In the event of misting, use NIOSH approved respiratory equipment
RESPIRATORY (SPECIFY IN DETAIL) with TC-21C-140 cartridge combination.

EYE Face shield or goggles when handling concentrate.

GLOVES None required

OTHER CLOTHING AND EQUIPMENT

None required

IX SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS

None

OTHER HANDLING AND STORAGE REQUIREMENTS

Do not take internally.
Avoid contact with eyes.
Avoid breathing mist.
Wash contaminated clothing before reuse.
Keep drums closed when not in use.
Bring product to room temperature prior to use.


PREPARED BY: Joyce Morley Research Chemical Safety and Regulatory Affairs

ADDRESS: Van Straaten Chemical Company
630 W. Washington Blvd. Chicago, Illinois 60606

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